

ABSTRACT

A chromium alloy, characterized in that it has a composition which has silver in a content of 0.002 to 5 atomic % and the balance of chromium and inevitable impurities is proposed. The chromium alloy is novel, and retains high melting point, excellent resistance to corrosion and oxidation, excellent thermal conductivity and the like, which are inherent in a chromium base alloy, and also exhibits good ductility at room temperature, and thus can be practically used as an alternative for a Ni base alloy.